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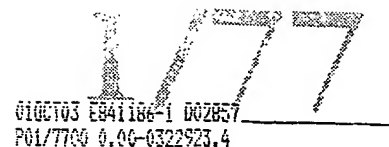
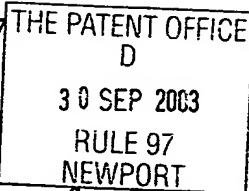
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Dated

16 February 2004



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TMG/P71111A

2. Patent application number

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30 SEP 2003

0322923.4

3. Full name, address and postcode of the or of each applicant (underline all surnames)

08447799001

Patents ADP number (if you know it)

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If the applicant is a corporate body, give the country/state of its incorporation.

Title of the invention

STIMULATION AID

5. Name of your agent (if you have one)

"Address for service" in the United Kingdom to which all correspondence should be sent (including the postcode)

T M GREGORY & CO
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NORTHAMPTON
NN1 5EL

Patents ADP number (if you know it)

0004323200

6. Priority: Complete this section if you are declaring priority from one or more earlier patent applications, filed in the last 12 months.

Country	Priority application number (if you know it)	Date of filing (day / month / year)
GB	0311033.5	14 MAY 03

7. Divisionals, etc: Complete this section only if this application is a divisional application or resulted from an entitlement dispute (see note f)

Number of earlier UK application	Date of filing (day / month / year)
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8. Is a Patents Form 7/77 (Statement of inventorship and of right to grant of a patent) required in support of this request?

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Answer YES if:

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- b) there is an inventor who is not named as an applicant, or
- c) any named applicant is a corporate body.

Otherwise answer NO (See note d)

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Continuation sheets of this form	-
Description	6
Claim(s)	3
Abstract	1
Drawing(s)	1

10. If you are also filing any of the following, state how many against each item.

Priority documents	-
Translations of priority documents	-
Statement of inventorship and right to grant of a patent (Patents Form 7/77)	-
Request for a preliminary examination and search (Patents Form 8/77)	YES
Request for a substantive examination (Patents Form 10/77)	-
Any other documents (please specify)	-

11. I/We request the grant of a patent on the basis of this application

Signature(s) T M GREGORY & CO

Date 29.09.03

12. Name, daytime telephone number and e-mail address, if any, of person to contact in the United Kingdom

T M GREGORY 01604 632436

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DEPOSED

STIMULATION AID

The present invention relates to an aid for stimulation in the form of a curve shaped implement adapted to aid female masturbation. More particularly, but not exclusively, it relates to an implement which may either be a solid body or have one or more cavities for access of a vibration or pulse mechanism, from either batteries or a rechargeable unit.

It is known to provide traditional penis shaped aids for such purposes. However, it is not always easy for the user to hold such traditional aids and perform other acts.

It is an object of the invention to provide an implement which aids female masturbation by giving simultaneous labial, clitoral, penetrative and "G" spot stimulation from a simple rocking (forwards/backwards) motion of the hand.

According to the present invention there is provided a stimulation aid which comprises a first handle portion and a second penetrative shaft portion connected together at their respective proximal ends to form a generally u-shaped implement.

Preferably, an inner face of the handle portion comprises an outer stimulator zone.

The outer stimulator zone may comprise a plurality of transversely extending ribs.

Alternatively, it may comprise a plurality of protrusions from the plane of the inner face.

Advantageously, an outer face of the handle portion is provided with means to aid manual gripping thereof.

In this case, the outer face may be contoured to provide a palm grip surface.

The shaft portion may taper from its proximal to its distal end.

The shaft portion may be contoured and/or textured along its length for additional stimulation.

At its distal end, the shaft portion may be curved re-entrantly to form a smooth nosed hook.

The handle portion and the shaft portion may diverge at a general angle in the range 20 to 45°.

Preferably, the angle of divergence is in the region of 25 to 35°.

The aid may comprise a resiliently deformable elastomeric material, preferably latex, jelly, a soft rubber composition, or a silicone composition.

The aid may be provided with means to cause vibration and/or pulsing thereof over at least part of its overall surface.

The vibrator and/or pulsing means may be electrically powered, and may be electronically controlled.

The means to cause vibration and/or pulsing may be adapted to vibrate and/or pulse both the outer stimulator zone of the handle portion and the shaft portion.

Recess means may be provided to receive a vibrator and/or pulsing means separable from the aid.

Optionally, said recess means may extend generally proximally from a distal end of the handle portion.

Warming means may be provided, for example electrically powered warming means, integral of the aid or removably insertable into said recess means.

Optionally, the aid may further comprise a means of anal stimulation.

The means of anal stimulation may comprise a further shaft portion extending from the vaginally penetrative shaft portion at a point adjacent a proximal end thereof.

In an embodiment usable simultaneously by two users, the aid comprises two generally u-shaped implements as described above, each mounted, optionally pivotably, to a respective end of a connecting member.

An embodiment of the invention will now be more particularly described, by way of example, and with reference to the accompanying drawings in which:

Figure 1 is a perspective view of an aid embodying the invention.

Referring now to the drawing, the stimulation aid takes the form of a generally u-shaped implement having a handle portion 1 as one leg of the u. and a penetrative shaft portion 2 as the other leg.

The handle portion 1 is provided on its outer surface with contours 3 to aid grip of a palm of a user's hand. An inner surface of a distal end of the handle portion is a zone of transversely extending ribs 4 for stimulation as described below.

The shaft portion 2 tapers slightly from its proximal end to its distal end.

At the distal end, the shaft portion 2 is curved into a re-entrant hook shape 5, the purpose of which is also described below.

In operation, the user may place their palm over the handle portion 1, aided by the contoured outer surface 3 thereof. It is then rocked forwardly and rearwardly. The user's labia and clitoris are both stimulated by the transverse ribs 4 extending across the inner surface of the

handle portion 1 when the hand starts the rocking motion. Obviously more or less pressure can be applied by the hand as required. The transverse ribs 4 may be replaced by a series of dimples or protrusions (not shown).

Simultaneously, the user's vaginal entrance and internal vaginal walls are stimulated by the shaft portion 2 of the implement. The shaft portion 2 is tapered from its proximal to its distal end to give extra vaginal entrance stimulation. The distal end of the shaft portion 2 is curved inwardly as a hook 5 so as to stimulate the so-called "G" spot.

The implement may be used either as a simple non-powered aid or it may be in the form of a vibrating and/or pulsing model. In this case both the ribbed zone 4 and the shaft portion 2 will vibrate and/or pulse.

In this field, a widely-used vibrating and/or pulsing device is that known as a "bullet". This comprises an electrically-driven motor with an eccentrically-mounted load, encapsulated in a generally cylindrical casing with a rounded tip. Such a "bullet" may be powered and controlled remotely along electrical cabling, or may be internally battery-powered. Some versions merely vibrate; others have a range of selectable vibrational and pulsing modes.

The implement may thus be provided with an integral "bullet" or the like, or, preferably, may be provided with a recess (not shown) into which a user may fit a "bullet" of their choice. Conveniently, such a recess will extend proximally into the handle portion 1 from its distal end 7. With the correct choice of materials, the vibrations and/or pulses will be transmitted throughout the handle portion and the shaft portion.

The implement may also contain an electrically-powered warming element, applied in the same manner as is the pulsing/vibrating mechanism.

Due to the nature of the design and the fact that all women are of different shapes and sizes the internal recess area 6 of the inner curve provides flexibility of fit.

The implement is preferably made from a soft rubber, latex, jelly or preferably silicone or other elastomeric compound to give it flexibility. Silicone compounds are particularly suitable, due to their inertness, durability, ease of cleaning and the ready transmission of vibrations therethrough.

The implement may be provided, preferably at its proximal end, with dowel or other fixing means to allow two such implements to be interconnected back to back for simultaneous usage by two people.

Thus, two generally u-shaped implements of the form shown may each be pivotably mounted, preferably adjacent a junction 8 of the handle portion 1 and shaft portion 2 of each, to respective ends of a connecting rod. The connecting rod may be substantially rigid, resiliently flexible or may contain a spring.

In a further embodiment, not shown, the aid is provided with an additional shaft portion extending from adjacent a proximal end of the shaft portion 2. The additional shaft portion is dimensioned and configured to contact or penetrate, in use, the anus of the user, as a further source of stimulation.

CLAIMS

1. A stimulation aid comprising a first handle portion and a second penetrative shaft portion connected together at their respective proximal ends to form a generally u-shaped implement.
2. A stimulation aid as claimed in claim 1, wherein an inner face of the handle portion comprises an outer stimulator zone.
3. A stimulation aid as claimed in claim 2, wherein the outer stimulator zone comprises a plurality of transversely extending ribs.
4. A stimulation aid as claimed in any one of the preceding claims, wherein an outer face of the handle portion is provided with contoured means to aid manual gripping thereof.
5. A stimulation aid as claimed in any one of the preceding claims, wherein the shaft portion tapers from its proximal to its distal end.
6. A stimulation aid as claimed in any one of the preceding claims, wherein the shaft portion is contoured and/or textured along its length for additional stimulation.
7. A stimulation aid as claimed in any one of the preceding claims, wherein the shaft portion is curved re-entrantly at its distal end to form a smooth nosed hook.

8. A stimulation aid as claimed in any one of the preceding claims, wherein the handle portion and the shaft portion diverge at a general angle in the range 20 to 45°, preferably in the region of 25 to 35°.
9. A stimulation aid as claimed in any one of the preceding claims, comprising a resiliently deformable elastomeric material, preferably a soft rubber composition, or a silicone composition.
10. A stimulation aid as claimed in any one of the preceding claims, provided with means to cause vibration and/or pulsing thereof over at least part of its overall surface.
11. A stimulation aid as claimed in claim 10, wherein the vibrator and/or pulsing means is electrically powered.
12. A stimulation aid as claimed in either claim 10 or claim 11, wherein the means to cause vibration and/or pulsing is adapted to vibrate and/or pulse both the handle portion and the shaft portion.
13. A stimulation aid as claimed in any one of the preceding claims, wherein recess means is provided to receive a vibrating and/or pulsing means separable from the aid.
14. A stimulation aid as claimed in claim 13, wherein the recess means is adapted also to receive a heating means.

15. A stimulation aid as claimed in claim 13, further comprising additional recess means to receive a heating means.
16. A stimulation aid as claimed in any one of claims 13 to 15, wherein said recess means extends generally proximally from a distal end of the handle portion.
17. A stimulation aid as claimed in any one of the preceding claims, further comprising a means of anal stimulation.
18. A stimulation aid comprising two generally u-shaped implements as claimed in any one of the preceding claims, each mounted, optionally pivotably, to a respective end of a connecting member.
19. A stimulation aid substantially as described herein with reference to the Figure of the accompanying drawings.

ABSTRACTSTIMULATION AID

A generally u-shaped implement comprises a handle (1) and a penetrative shaft (2) connected at their respective proximal ends. An inner face of the handle (1) has a series of ribs (4) for clitoral and labial stimulation. A rounded distal end (5) of the shaft (2) is curved inwardly to stimulate the "G-spot". The aid is operable manually, using a rocking motion. In some embodiments, it is vibrated and/or pulsed using an electric motor, embedded within the device or inserted into a recess provided for it.

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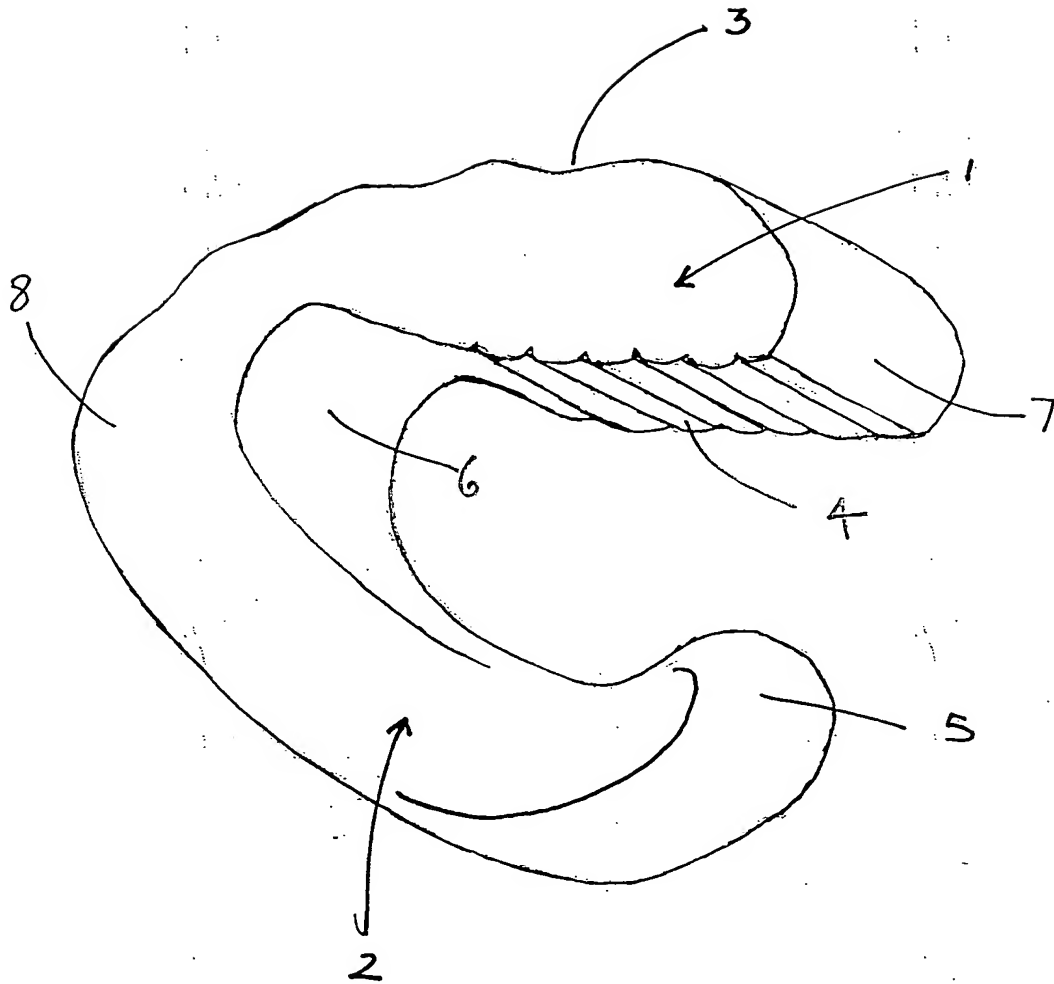


FIG 1